



- ▶ **Hex Bolt Sensor**
- ▶ **Temperature range -40 to +250° C**
- ▶ **Miniature design with M8 hexagonal bolt**
- ▶ **PT100 and PT1000 available**
- ▶ **Custom designs available**
- ▶ **Versatile temperature probe with screw body**

Applications

Heating/Cooling systems
HVAC

Energy
Industrial process

Laboratory
Drilling

Features

Cost effective - off the shelf model
Stock model - reduced lead times
Improved potting epoxy has outstanding thermal conductivity for faster response times

Specifications

	Unit	Value
Sensing element		PT100 class B
Accuracy	°C	$\pm (0,3 K + 0,005 \times t)$
Operating temperature	°C	-40 to +250
Epoxy thermal conductivity	W/(m.K)	1.7
Recommended applied current (self heating must be considered)		1 mA at 100 Ω 0.3 mA at 1000 Ω

Materials

Leads and insulation: PFA sheathed twisted pair 7/0.2 with PTFE heat shrink
Probe material: Stainless steel



